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PATENT COOPERATION TREATY PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

	(PC1 Afficie 30 a						
Applicant's or agent's file reference 1138.P005PCT	FOR FURTHER ACTION	See Notification of Transmittal of International Prelimin . Examination Report (Form PCT/IPEA/416).					
International Application No.	International Filing Date (day/month/year)	е	Priority Date (day/month/year)				
PCT/SG03/00010	20 January 2003		27 February 2002				
International Patent Classification (IPC) or	national classification and	d IPC	·				
Int. Cl. 7 G06F 17/60, G06N 3/12							
Applicant NANYANG POLYTECHNIC et	t al		· ,				
1. This international preliminary examina	ation report has been prep	pared by this Internat	ional Preliminary Examining Authority and				
is transmitted to the applicant according	ng to Article 36.	•					
2. This REPORT consists of a total of	sheets, including this c	cover sheet.					
l	1 AND THE VEG CO. of the o	to of the description	, claims and/or drawings which have been				
amended and are the basis for the 70.16 and Section 607 of the Ac	nis report and/or sneets co dministrative Instructions	under the PCT).	ns made before this Authority (see Rule				
These annexes consist of a total							
3. This report contains indications relating	ng to the following items:						
I X Basis of the report	I X Basis of the report						
II Priority	II Priority						
III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability							
IV Lack of unity of invention							
V X Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
1							
VII Certain defects in the i							
<u> </u>	——————————————————————————————————————						
Date of submission of the demand		Date of completion of the report					
6 June 2003 ·		18 June 2003					
Name and mailing address of the IPEA/AU	İ	Authorized Officer					
AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTR	RALIA						
E-mail address: pct@ipaustralia.gov.au Facsimile No. (02) 6285 3929		P. THONG					
1 acsiline 140. (02) 0203 3323		Telephone No. (02) 6283 2128					

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/SG03/00010

I.	Basis of the report					
1.	With regard to the elements of the international application:*					
	X the international application as originally filed.					
	the description, pages, as originally filed,					
	pages , filed with the demand,					
	pages, received on with the letter of					
	the claims, pages, as originally filed,					
	pages, as amended (together with any statement) under Article 19,					
	pages , filed with the demand,					
	pages, received on with the letter of					
	the drawings, pages, as originally filed,					
	pages, filed with the demand,					
	pages, received on with the letter of					
	the sequence listing part of the description:					
	pages , as originally filed					
	pages, filed with the demand					
	pages, received on with the letter of					
2.	With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.					
	These elements were available or furnished to this Authority in the following language which is:					
	the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).					
	the language of publication of the international application (under Rule 48.3(b)).					
	the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).					
3.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:					
	contained in the international application in written form.					
	filed together with the international application in computer readable form.					
	furnished subsequently to this Authority in written form.					
	furnished subsequently to this Authority in computer readable form.					
	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
	The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished					
4.	The amendments have resulted in the cancellation of:					
	the description, pages					
	the claims, Nos.					
	the drawings, sheets/fig.					
5.	This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**					
-	Producer to the standard which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this					
	report as "originally filed" and are not annexed to this report since they ao not contain amenaments (Rules 70.10 and 70.17).					
**	* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report					

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/SG03/00010

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Diatomi	1.	Statement
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7,1107.				
	Novelty (N)	Claims	1-17	YES
		Claims	·	NO
	Inventive step (IS)	Claims	1-17	YES
	- , ,	Claims		NO
	Industrial applicability (IA)	Claims	1-17	YES
		Claims		NO

2. Citations and explanations (Rule 70.7)

D1 = AICKELIN, U., DOWSLAND, K., Exploiting problem structure in a genetic algorithm approach to a nurse rostering problem. Journal of Scheduling Volume 3 Issue 3 (May/June 2000) pp 139-153

D2 = US 5319781

D3 = US 5848403

D4 = US 5897629

None of the citations discloses the subject matter of the claims. Therefore the subject matter of the claims is new and meets the requirements of Article 33(2) PCT with regard to the requirement for novelty. The subject matter of the claims is not obvious and meets the requirements of Article 33(3) PCT with regard to the requirement for inventive step. The subject matter of the claims is industrially applicable.